



PTO/SB/08A (07-05)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of 1

Complete if Known

Application Number	10/016.518
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Filing Date	November 1, 2001
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First Named Inventor	William J. Goetzinger
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Art Unit	2663
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Examiner Name	Nguyen Hoang Ngo
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Attorney Docket Number	ROC920010199US1
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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	7*
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
WN		JP04-094240	03-26-1992	Mitsubishi Elect. Corp.		

**Examiner
Signature**

11/11/11

Date
Considered

7/6/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. Department of Commerce, Patent and Trademark Office <div style="position: absolute; left: 0; top: 0; width: 100px; height: 100px; border: 2px solid black; border-radius: 50%; text-align: center; line-height: 100px; font-size: 10px;"> OFFICE MAY 26 2006 PATENT & TRADEMARK OFFICE </div>				Docket No.: ROC920010199US1		Serial No.: 10/016,518	
LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)							
Applicants: William John Goetzinger et al.							
Filing Date: November 1, 2001						Group: 2663	

U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
WN	US-1	6,481,251 B1	11/19/02	Meier et al.			
WN	US-2	6,810,043 B1	10/26/04	Naven et al.			
	US-3						
	US-4						
	US-5						
	US-6						
	US-7						
	US-8						
	US-9						
	US-10						
	US-11						

Foreign Patent Documents							Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No	
	F-1							
	F-2							
	F-3							
	F-4							
	F-5							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
WN	OT-1	Lyons, P.J. et al., "Estimating clock speeds for the ATMSWITCH architecture", 1999, Institute of Information Sciences and Technology - Massey University, pages 1-14.
	OT-2	
	OT-3	

Examiner <i>WN</i>	Date Considered <i>7/6/06</i>
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Sheet 1 of 1

Application Number.: 10/016,518
 Filing Date: November 1, 2001
 First Named Inventor: William J. Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010199US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
N.N		US 6,721,325 B1	04/13/2004	Brent G. Duckering et al	
N.N		US 6,810,012 B1	10/26/2004	Nanying Yin et al	
N.N		US2002/0023168A1	02/21/2002	Brian Mitchell Bass et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

Examiner Signature	<i>Wm J Goetzinger</i>	Date Considered	8/19/2005
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⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Sheet 4 of 4

Application Number.: 10/016,518
 Filing Date: November 1, 2001
 First Named Inventor: William Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010199US1

U.S. PATENT DOCUMENTS

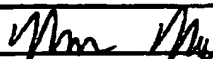
Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
WN	CA	US - 6092115A	07/18/2000	Abhijit Choudhury et al	
	CB	US - 6094435A	07/25/2000	Don Hoffman et al	
	CC	US - 6101193A	08/08/2000	Yoshihiro Ohba	
	CD	US - 6104700A	08/15/2000	Stephen Haddock et al	
	CE	US - 6108307A	08/22/2000	Stephen McConnell et al	
	CF	US - 6157614A	12/05/2000	Eliezer Pasternak et al	
	CG	US - 6157649A	12/05/2000	Kenneth Peirce et al	
	CH	US - 6169740B1	01/02/2001	Todd Morris et al	
	CI	US - 6188698B1	02/13/2001	Claude Galand et al	
	CJ	US - 6226267B1	05/01/2001	Barry Spinney et al	
UN	CK	US - 6229812B1	05/08/2001	Bidyut Parruck et al	
WN	CL	US - 6236647B1	05/22/2001	Carlo Amalfitano	

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FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document Country ³ - Number ⁴ - Kind Code ⁵ Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear	T ⁶

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4/19/2005

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U.S. Department of Commerce, Patent and Trademark Office <div style="display: flex; align-items: center; justify-content: center;">  <div style="margin-left: 20px;"> LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary) </div> </div>					Docket No.: ROC920010199US1		Serial No.: 10/016,518	
Applicant(s): William John Goetzinger et al.					Filing Date: 11/01/01		Group: 2661	

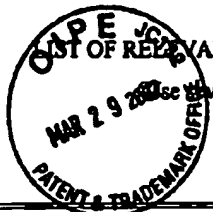
U.S. Patent Documents							
*Examiner Initial	Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
	AA						
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Foreign Patent Documents							Translation	
Document Number	Date	Country	Class	Subclass	Yes	No		
AL								
AM								
AN								
AO								
AP								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
NN ↓ NN	AR AS AT	U.S. Patent Application Serial No. 10/015,994, filed November 1, 2001, titled "Weighted Fair Queue Serving Plural Output Ports" U.S. Patent Application Serial No. 10/015,760, filed November 1, 2001, titled "Weighted Fair Queue Having Adjustable Scaling Factor" U.S. Patent Application Serial No. 10/002,085, filed November 1, 2001, titled "Empty Indicators for Weighted Fair Queues"

Examiner: <i>MM MM</i>	Date Considered: <i>8/14/2005</i>
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U.S. Department of Commerce, Patent and Trademark Office <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary) </div> <div style="text-align: center;"> RECEIVED APR 03 2002 </div> </div>					Docket No.: ROC920010199US1		Serial No.: 10/016,518	
Applicants: William John Goetzinger, et al								
Filing Date: November 1, 2001					Group: 2661			

U.S. Patent Documents				Technology Center 2600			
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	AA						
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Foreign Patent Documents							Translation	
		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
NN	AR	U.S. Patent Application Serial No. 10/004,373, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Peak Service Distance Using Next Peak Service Time Violated Indication"
L	AS	U.S. Patent Application Serial No. 10/002,416, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Aging Time Stamps"
NN	AT	U.S. Patent Application Serial No. 10/004,440, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service with Cached Status Array"
Examiner <i>MM</i>		Date Considered <i>8/19/2005</i>

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U.S. Department of Commerce, Patent and Trademark Office <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  RECEIVED APR 03 2002 </div> <div style="text-align: center;"> LIST OF RELEVANT ART CITED BY APPLICANT <small>(Use several sheets if necessary)</small> </div> </div>					Docket No.: ROC920010199US1		Serial No.: 10/016,518		
Applicants: William John Goetzinger, et al					Filing Date: November 1, 2001		Group: 2661		
U.S. Patent Documents Technology Center 2600									
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Foreign Patent Documents								Translation	
	Document Number	Date	Country	Class	Subclass	Yes	No		
AL									
AM									
AN									
AO									
AP									
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)									
NN	AR	U.S. Patent Application Serial No. 10/004,217, filed November 1, 2001, titled "QoS Scheduler and Method for Implementing Quality of Service Anticipating the End of a Chain of Flows"							
	AS								
	AT								
Examiner <i>MM/ML</i>		Date Considered <i>8/19/2005</i>							
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U.S. Department of Commerce, Patent and Trademark Office

Docket No.:

ROC920010199US1

Serial No.:

unknown

LIST OF RELEVANT ART CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

William John Goetzinger et al.

Filing Date:

Herewith

Group:

unknown

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
WN	AA	5,629,928	05/13/97	Calvignac et al.			
	AB	5,850,399	12/15/98	Ganmukhi et al.			
	AC	6,014,367	01/11/00	Joffe			
	AD	6,018,527	01/25/00	Yin et al.			
	AE	6,031,822	02/29/00	Wallmeier			
	AF	6,038,217	03/14/00	Lyles			
	AG	6,041,059	03/21/00	Joffe et al.			
	AH	6,072,800	06/06/00	Lee			
	AI	6,122,673	09/19/00	Basak et al.			
	AJ	6,144,669	11/07/00	Williams et al.			
WN	AK	6,157,654	12/05/00	Davis			

Class U.S. PTO
10/01/01
11/01/01

Foreign Patent Documents

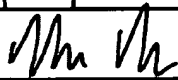
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		Document Number	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

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Date Considered

1/26/06

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U.S. Department of Commerce, Patent and Trademark Office LIST OF RELEVANT ART CITED BY APPLICANT (Use several sheets if necessary)					Docket No.: ROC920010199US1		Serial No.: unknown	
					Applicants: William John Goetzinger, et al			
					Filing Date: herewith		Group: ***unknown***	
U.S. Patent Documents								
*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate	
AN	AA	6,229,813 B1	05/08/01	Buchko et al.			JC886 U.S. PTO 10/016518 11/01/01	
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							Translation	
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Sheet 1 of 1

Application Number.: 10/016,518
 Filing Date: November 1, 2001
 First Named Inventor: William J. Goetzinger
 Art Unit: 2661
 Examiner Name: Unassigned
 Attorney Docket Number.: ROC920010199US1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns or Lines Where Relevant Passages or Figs. Appear
WA		US - 4,621,359	11/04/1986	McMillen, Robert J.	
		US - 5,650,993	07/22/1997	Lakshman et al.	
		US - 6,067,301	05/23/2000	Aatresh, Deepak J.	
		US - 6,246,692	06/12/2001	Dai et al.	
		US - 6,356,546	03/12/2002	Beshai, Maged E.	
		US - 6,404,768	06/11/2002	Basak et al.	
		US - 6,608,625	08/19/2003	Chin et al.	
		US - 6,813,274	11/02/2004	Suzuki et al.	
		US - 6,850,490	02/01/2005	Woo et al.	
		US - 6,885,664	04/26/2005	Ofek et al.	
		US - 6,891,835	05/10/2005	Kalkunte et al.	
WN		US - 2002/0181455	12/05/2002	Norman et al.	

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Examiner Signature	<i>WA</i>	Date Considered	1/26/06
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SEP 09 2006 Sheet 1 of 1

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WN		US - 5,249,184	09/28/1993	Woest et al.	
		US - 6,018,527	01/25/2000	Yin et al.	
		US - 6,072,772	06/06/2000	Charny et al.	
		US - 6,101,193	08/08/2000	Ohba, Yoshihiro	
		US - 6,389,019	05/14/2002	Fan et al.	
		US - 6,563,829 B1	05/13/2003	Lyles et al.	
WN		US-2003/0050954 A1	03/13/2003	Tayyar et al.	

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